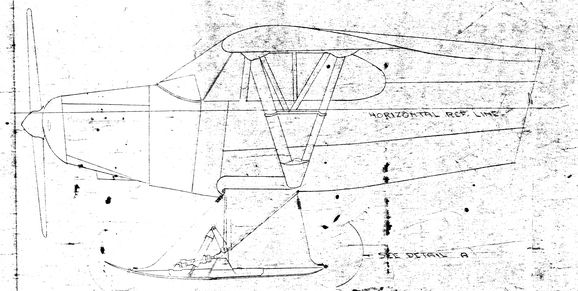

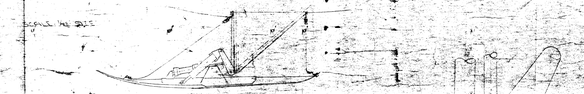

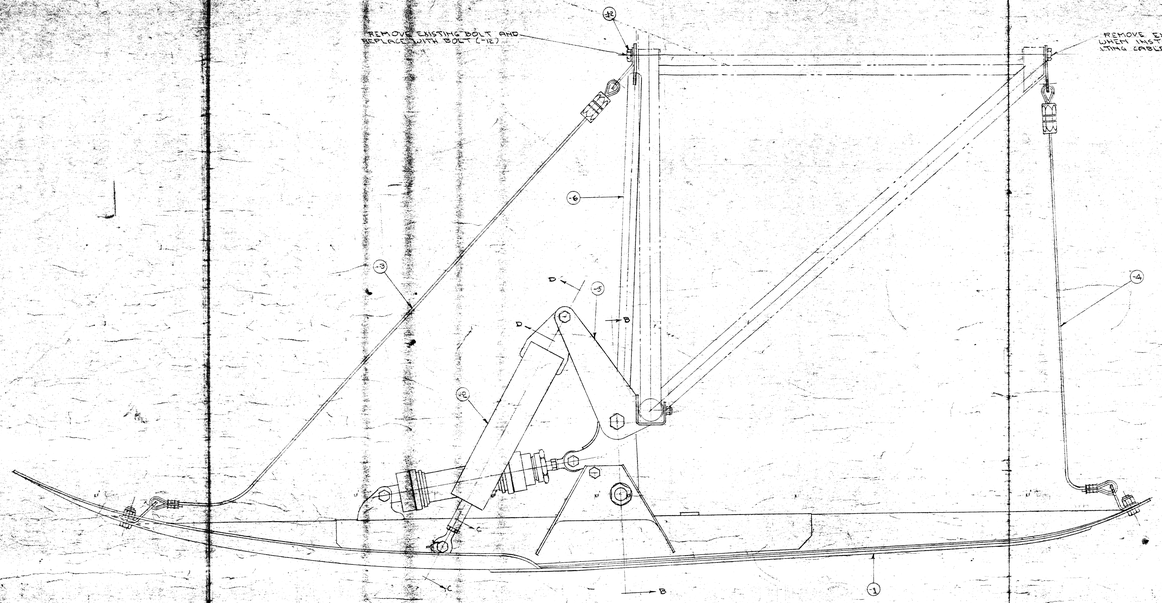

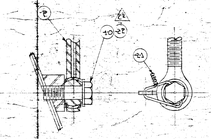

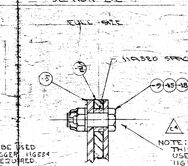

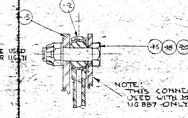

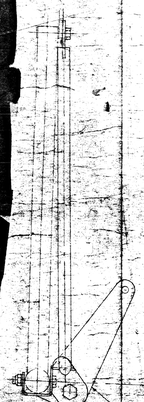

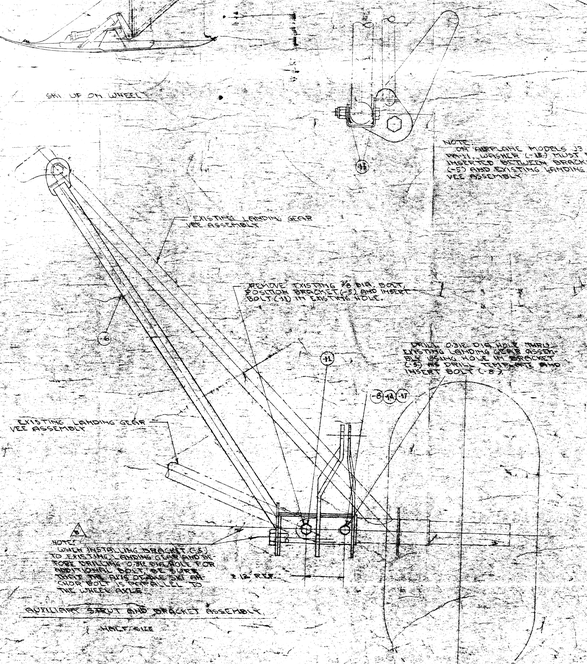

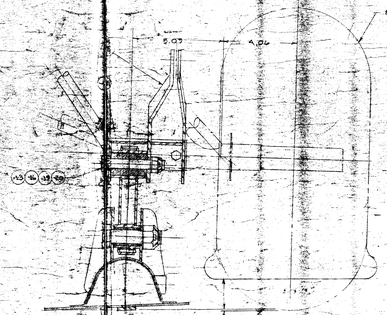

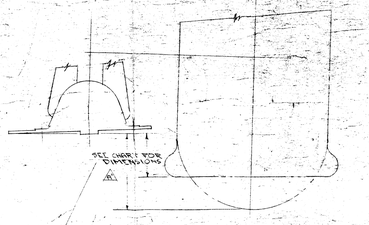

		REVISED PARAGRAPH		
A		BODY CHANGE		
B		REVISED PARAGRAPH NOTES		
B1		PER 116554		
B1		ADDED NOTES 1 AND 2		
B2		REVISED CHART FOR SKIS		
C		ADDED NOTE		
C1		WAS 5 REQ'D		
C2		NOT WAS -15		
C3		ADDED -22 & -23		
C4		ADDED NOTE 4		
C5		DELETED SKI (NOTE 4)		
C6		ADDED ALL UNDERLINED DATA TO NOTE 2.		
C7		WAS NOTE 4		
D		ADDED NOTE 2 TO -5		
D1		ADDED NOTE 3 TO -5		
D2		ADDED NOTE 3		
E		ADDED NOTE		

RIGGING DATA:
WITH THE AIRPLANE LEVELED BY THE RIGGER SO THAT THE SKI TOP SURFACE IS PARALLEL TO THE GROUND, MEASURE THE TOP OF THE SKI CHANNEL AND THE AIRFRAME HORIZONTAL REFERENCE LINE OF THE AIRPLANE IS PARALLEL.

THE LANDING CABLES SHALL BE SET AS FOLLOWS:
1. SKI UP ON WHEELS - THE FORWARD LIMIT LANDING CABLE SHOULD HAVE THE RELATIVE LENGTH SET SUCH THAT IT WILL NOT BE EXCEED THE 32.00 INCH DIMENSION WHEN MEASURED FROM THE CENTERLINE OF THE CORRESPONDING SKI EYEBOLT TO THE CENTERLINE OF THE AIRFRAME HORIZONTAL REFERENCE LINE.
2. SKI TOUCH DOWN ON LOWEST WHEEL - THE AFT LIMIT LANDING CABLE SHALL BE SET SUCH THAT IT WILL NOT BE EXCEED THE 32.00 INCH DIMENSION WHEN MEASURED FROM THE CENTERLINE OF THE CORRESPONDING SKI EYEBOLT TO THE CENTERLINE OF THE AIRFRAME HORIZONTAL REFERENCE LINE.
3. THE LANDING CABLES SHALL BE SET SUCH THAT THE SKI TOUCH DOWN ON WHEELS AND SKI UP ON WHEELS LIMITS ARE NOT EXCEEDED.
4. THE SKI TOUCH DOWN ON WHEELS AND SKI UP ON WHEELS LIMITS SHALL BE CHECKED AND ADJUSTED AS NECESSARY BEFORE THE RIGGER SIGNS OFF ON THE FINAL RIGGING INSPECTION.
5. ALL LANDING CABLES AND LIMITING CABLES MUST BE CHECKED FOR CLEARANCE BEFORE THE RIGGER SIGNS OFF ON THE FINAL RIGGING INSPECTION.

⚠ WEIGHT: SEE WEIGHT AND BALANCE DATA FOR ALUMINUM SKIS SEE DWG NO 116395 FOR STEEL SKIS

HYDRAULIC SYSTEM INSTALLATION:
SEE DWG NO 116579

LUBRICATION:
ALL PIVOTS, JOINTS, ETC. ON THE SKI ATTACHMENT FLOAT MUST BE WELL LUBRICATED AT THE TIME OF INSTALLATION. EXISTING FITTINGS SHALL BE LUBRICATED AT EACH 100 HOUR INSPECTION. ALL LUBRICATION FITTINGS SHALL BE CLEANED BEFORE LUBRICATION IS PERFORMED. ANY EXCESS LUBRICANT SHALL BE WIPED OFF AFTER LUBRICATION IS COMPLETED. ALL LUBRICATION FITTINGS SHALL BE CHECKED AFTER EACH LUBRICATION TO INSURE THAT THEY HAVE NOT BEEN DAMAGED. ALL LUBRICATION FITTINGS SHALL BE CLEANED AND THEN PROTECTED WITH A SUITABLE CAP. ALL LUBRICATION FITTINGS SHALL BE CHECKED FOR LUBRICATION AT EACH 100 HOUR INSPECTION.

APPROVAL:
STATUS: THIS INSTALLATION INSTRUCTION DOES NOT CONSTITUTE FAA APPROVAL UNTIL A COPY OF IT HAS BEEN SIGNED OUT AND APPROVED BY AN FAA REPRESENTATIVE. EACH SIGN OUT AND APPROVAL MUST BE MADE BY THE CAI/A INSPECTOR.

⚠ NOTE: TAIL SKI TO BE INSTALLED IN ACCORDANCE WITH 116 895

NOTE: 1. RE. SKIS
PIPER CUBS AS LISTED TO BE EQUIPPED WITH 5.00 x 5 TIRE COMPLETE WITH TUBE AND MAIN SKI ASSEMBLIES (ADAPTED) MAIN SKI ASSEMBLIES (ADAPTED)

NOTE 2. RE. MECHANICAL RIGGERS AND BRACKET ASSEMBLY
IF SHORT SKI PINS ARE USED (-23 OR LATER) IN SUPPLIED MECHANICAL RIGGER ASSEMBLY (116557) OR MECHANICAL RIGGER (116554) SUPPLIED FOR USE WITH MECHANICAL CONTROL SYSTEM (116577) A NEW BRACKET ASSEMBLY (116551) WITH EITHER MECHANICAL RIG. OR HYD. RIGGER MUST BE USED.

NOTE 3
A. SHIPMENTS MADE AFTER JAN 31, 1951, AND BEFORE SEPTEMBER 1, 1951 UNDER THIS DWG. SHALL INCLUDE ONE AUS-1500A SKIS, ATTACHMENT BRACKET ASSY. NO. 116551-1 AND MECHANICAL RIG. (116557).

SKIS	1500 SKI SHORT ARM	1500 SKI LONG ARM	1500 SKI LONG ARM
	ASSEMBLY NO. 1004144	ASSEMBLY NO. 116417	ASSEMBLY NO. 116418
SKI TOUCH DOWN ON WHEEL	0.09	MINUS 0.6	MINUS 0.6
SKI UP ON WHEEL - ROLLING RAD.	A.2	A.2	A.1
SKI UP ON WHEEL - FULL DIA.	C.4	C.4	C.3

NOTE ⚠ 9 BOLT TO BE USED WHEN MECH. RIGGER 116554 OR 116597 IS REQUIRED.

NOTE ⚠ 22 BOLT TO BE USED WHEN MECH RIGGER 116554 IS REQUIRED.

NOTE: THIS CONNECTION TO BE USED WITH MECH RIGGERS 116554 & 116597.

NOTE: THIS CONNECTION TO BE USED WITH HYDR. RIGGER 116887 ONLY.

23	2	BOLT	AN6-32
22	2	WASHER	AN960-616
21	1	LOCK WIRE	MS20995-C41
20	4	COTTER	MS24665-153
19	2	NUT	AN310-6
18	2	NUT	MS21045-6
17	2	NUT	AN365-524
16	2	WASHER	AN960-516
15	6	WASHER	AN960-516L
14	2	WASHER	AN960-516L
13	2	BOLT	AN5-31
			116360-15
12	2	BOLT	AN4-8D
11	2	BOLT	AN6-12
10	1	BOLT	AN6H41
9	2	BOLT	AN6-11A
8	6	BOLT	AN6-10
7	6	WASHER, SPACER	AN960-616
6	4	NUT, PLATE, LOCK	MS21047-6
5	2	ASSY. ATTACHMENT BRACKET	116551
4	2	ASSY. AFT LIMITING CABLE	116360-3
3	1	ASSY. FORE LIMITING CABLE	116360-4
2	2	RIGGER, MECHANICAL	SEE NOTE 3
1	1	FUSELAGE MAIN SKI	116360-1